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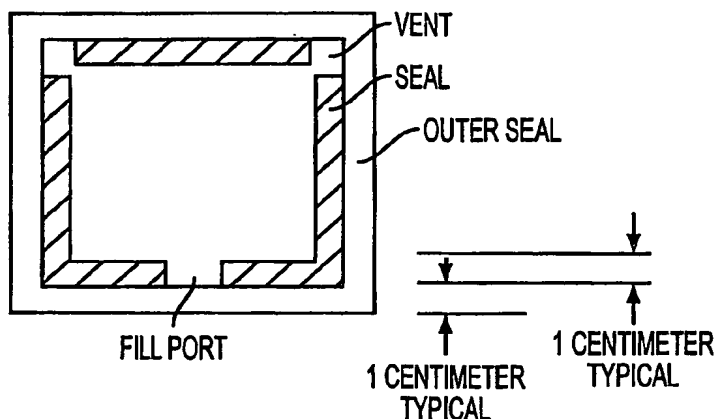
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- (71) Applicant and  
(72) Inventor: **CHAHROUDI, Day** [US/US]; 41 Juniper Hill  
Loop, Cedar Crest, NM 87008 (US).
- (74) Agents: **AKSMAN, Stanislaus, A. et al.**; Intellectual  
Property Department, Hunton & Williams LLP, 1900 K  
Street, N. W. Suite 1200, WA, DC 20006-1109 (US).

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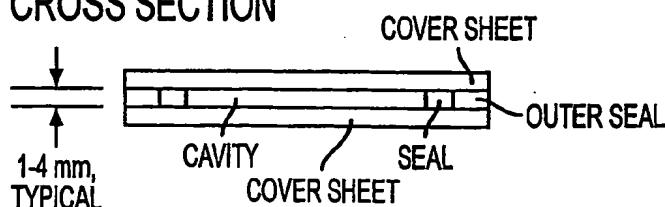
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(54) Title: PREPARATION OF LIGHT VALVES



(57) Abstract: Light valves which are controlled by temperature are made by rapidly injecting between two closely spaced sheets, of e.g. glass, a low viscosity monomer + solvent solution, and then rapidly polymerizing the monomer to form a solid layer, which is transparent below a specified temperature, and opaque above that temperature. The low viscosity of the monomer solution and its rapid polymerization makes mass production economically practical. Production machinery for these light valves may be adapted from existing machinery that has been made for manufacturing sealed, double pane windows.

## CROSS SECTION





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